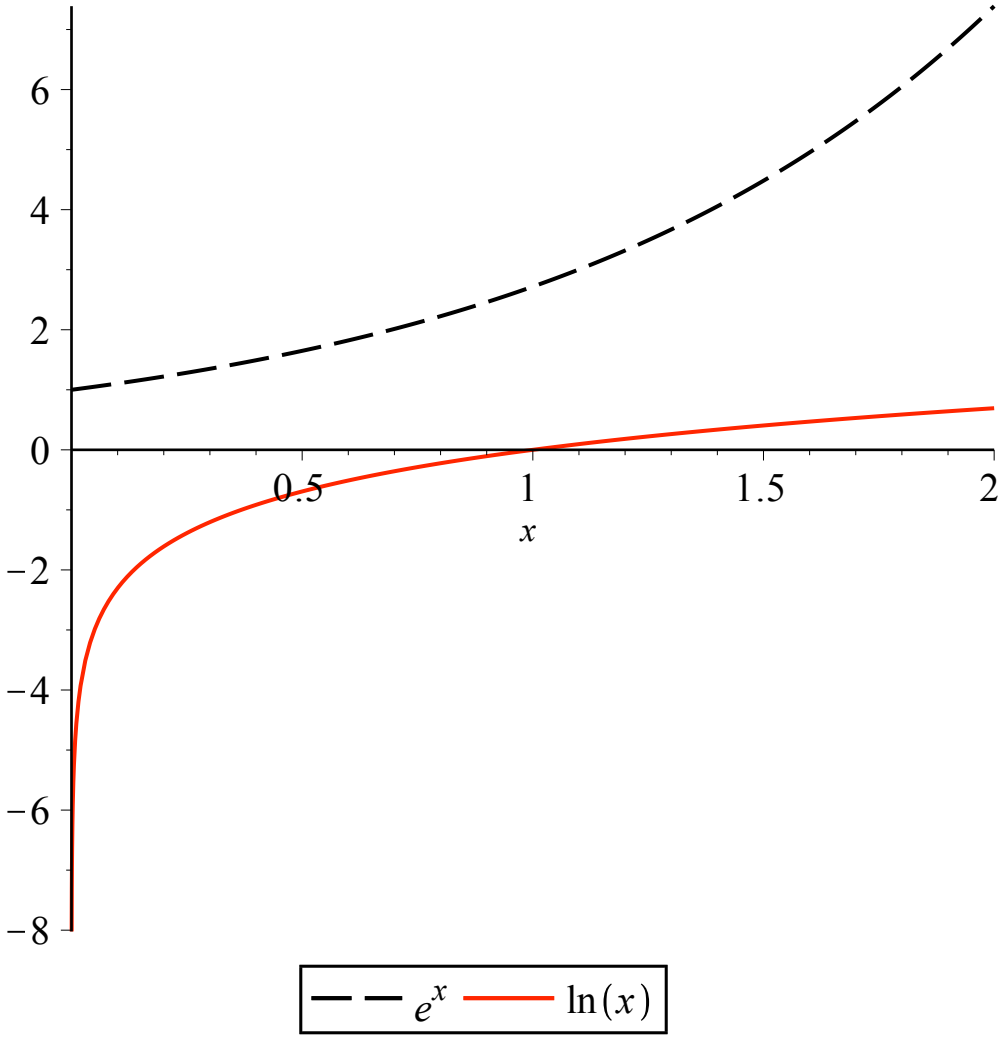
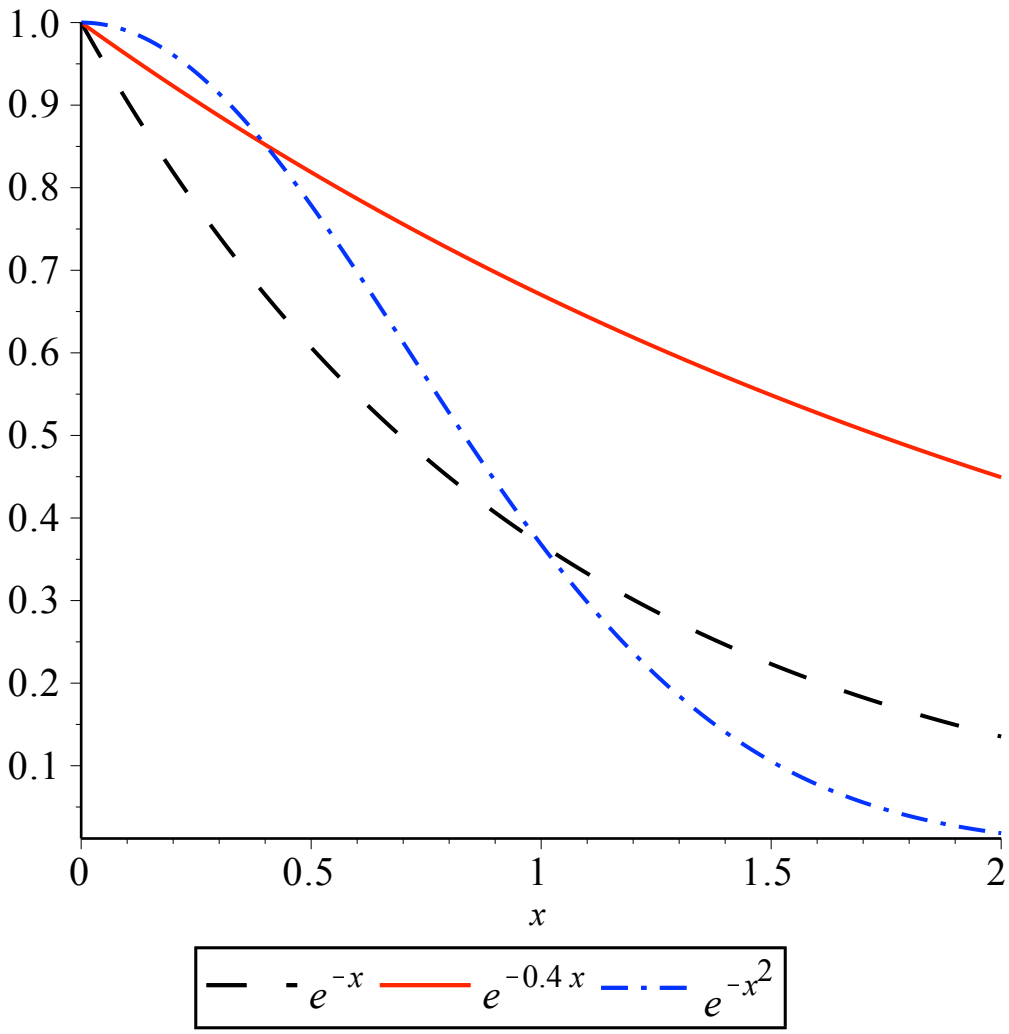
Plotting in Maple for 7.6 Comparisons

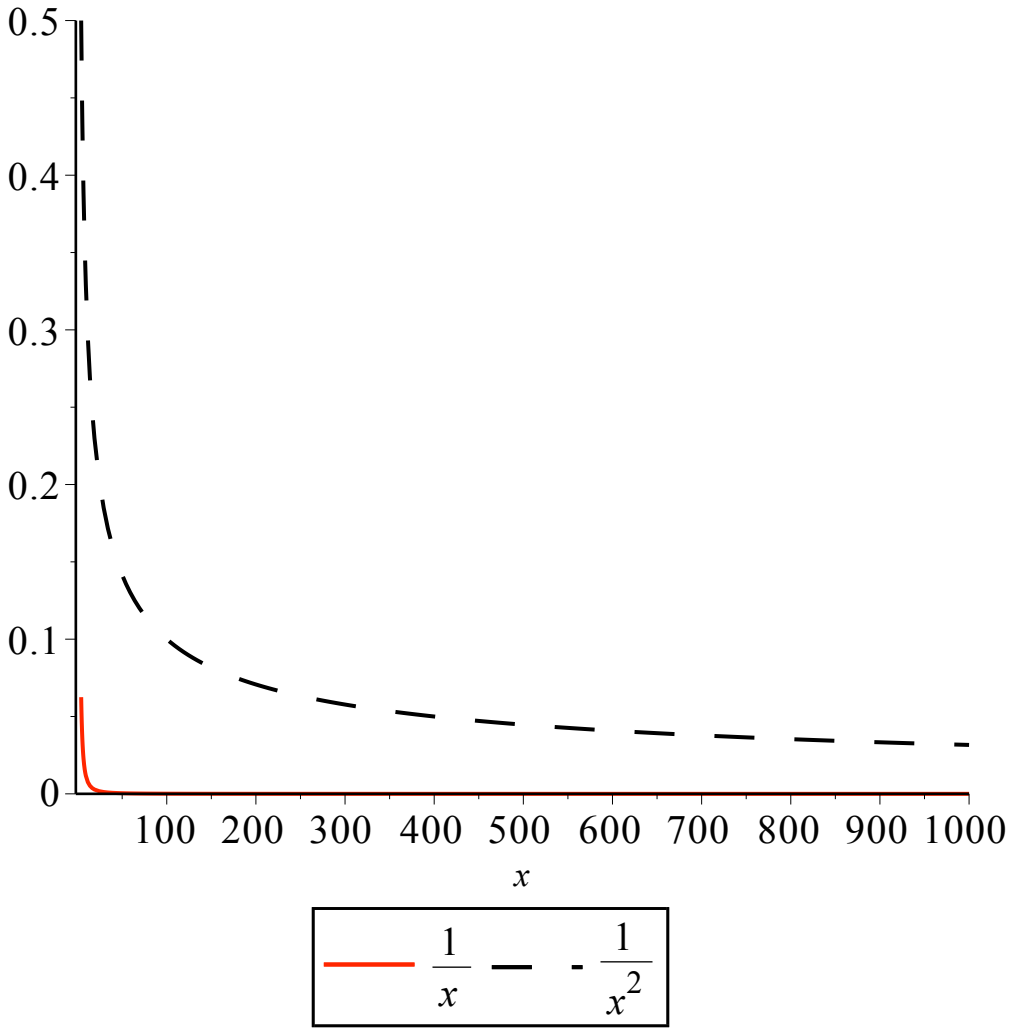
```
> with(plots):
> plot([exp(x),ln(x)],x=0..2,color=[black,red],legend=[typeset(e^x),
  typeset(ln(x))],linestyle=[dash,solid]);
```



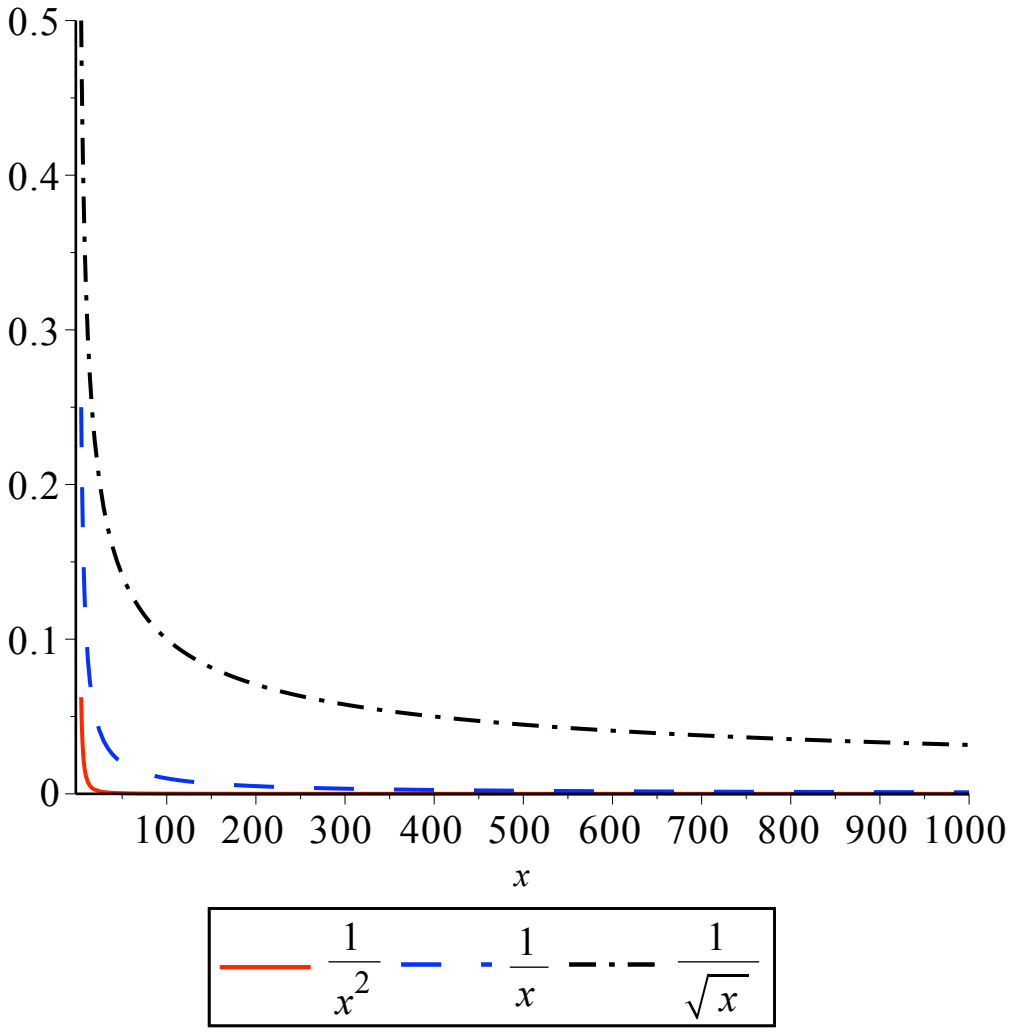

```
> plot([exp(-x),exp(-.4*x),exp(-x^2)],x=0..2,color=[black,red,blue],
  legend=[typeset(e^(-x)),typeset(e^(-.4*x)),typeset(e^(-x^2))],
  linestyle=[spacedash,solid,dashdot]);
```



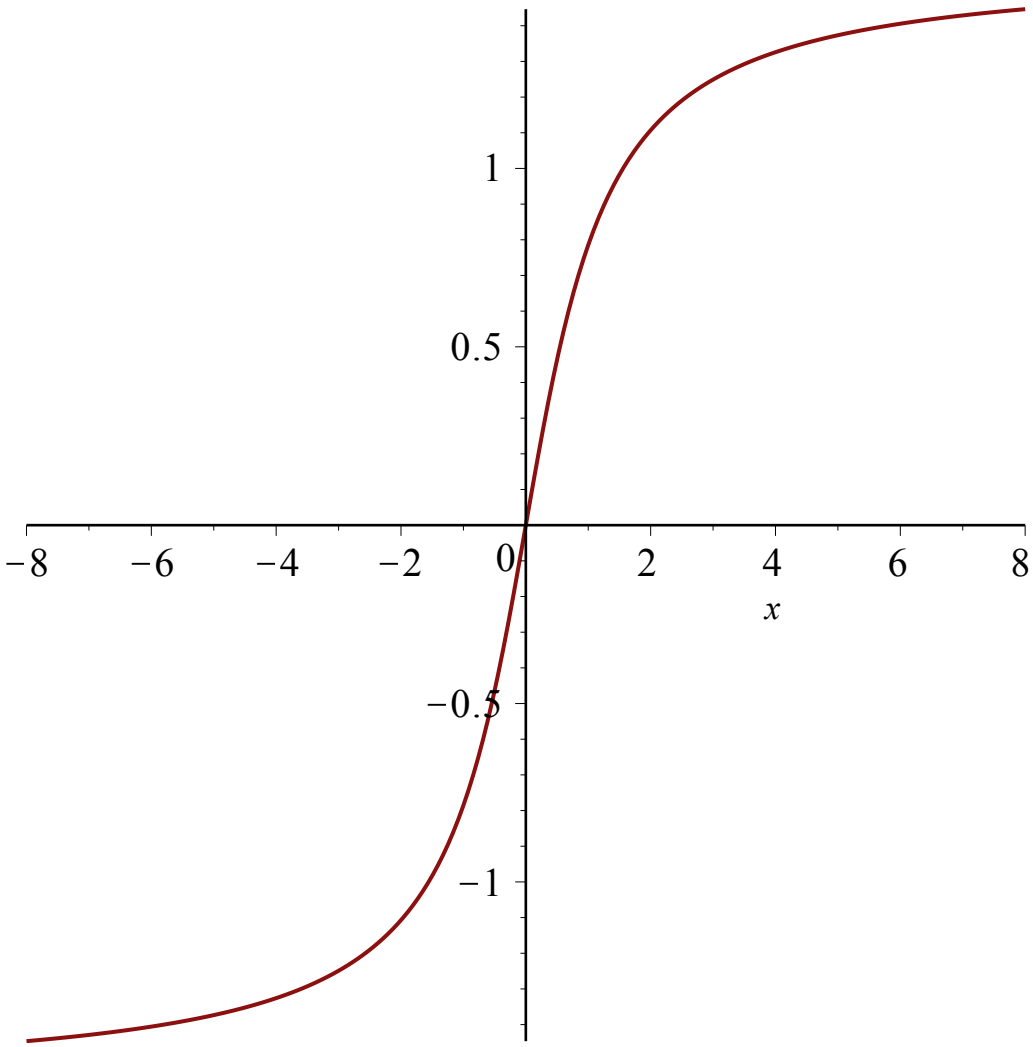

```
> plot([1/x^2,1/sqrt(x)],x=4..1000,color=[red,black],legend=[typeset
  (1/x),typeset(1/x^2)],linestyle=[solid,spacedash]);
```



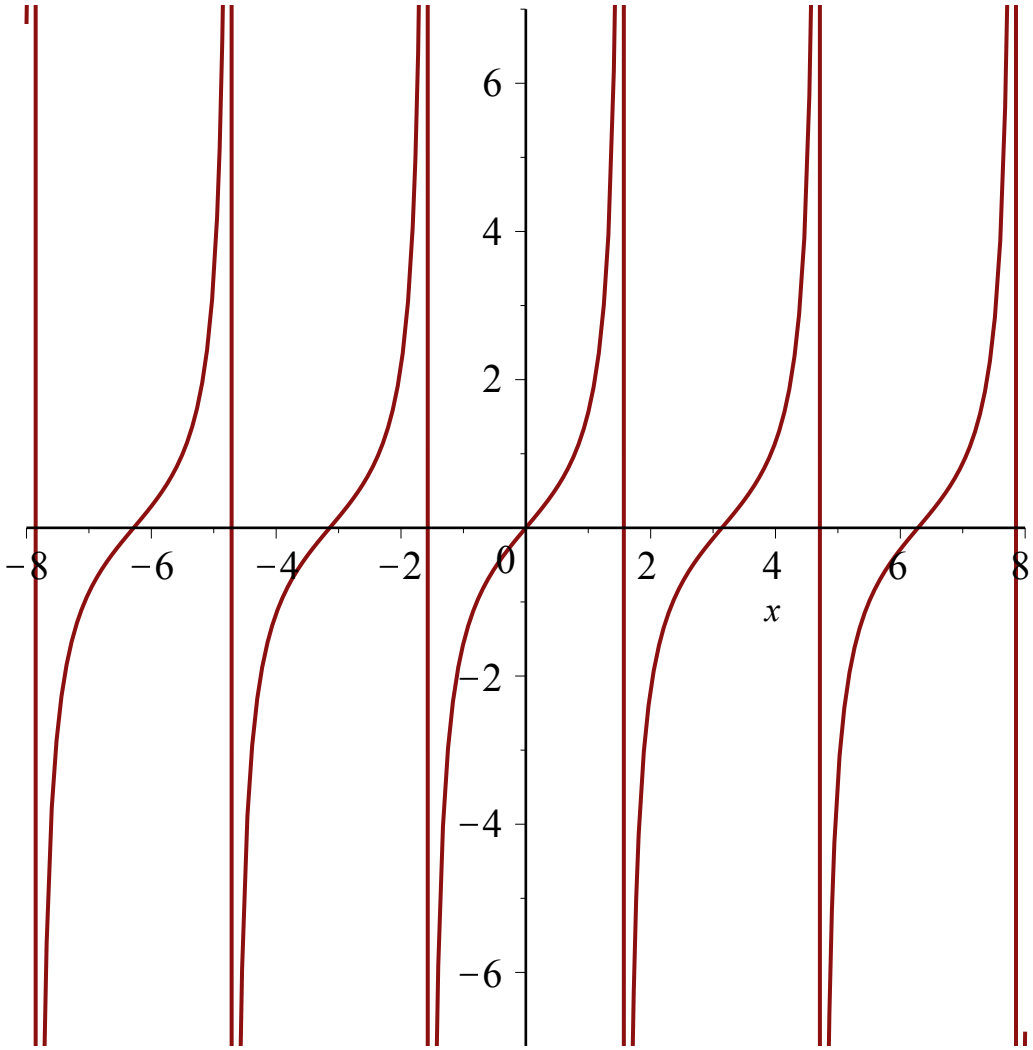

```
> plot([1/x^2,1/x,1/sqrt(x)],x=4..1000,color=[red,blue,black],legend=
  [typeset(1/x^2),typeset(1/x),typeset(1/sqrt(x))],linestyle=[solid,
  spacedash,dashdot]);
```



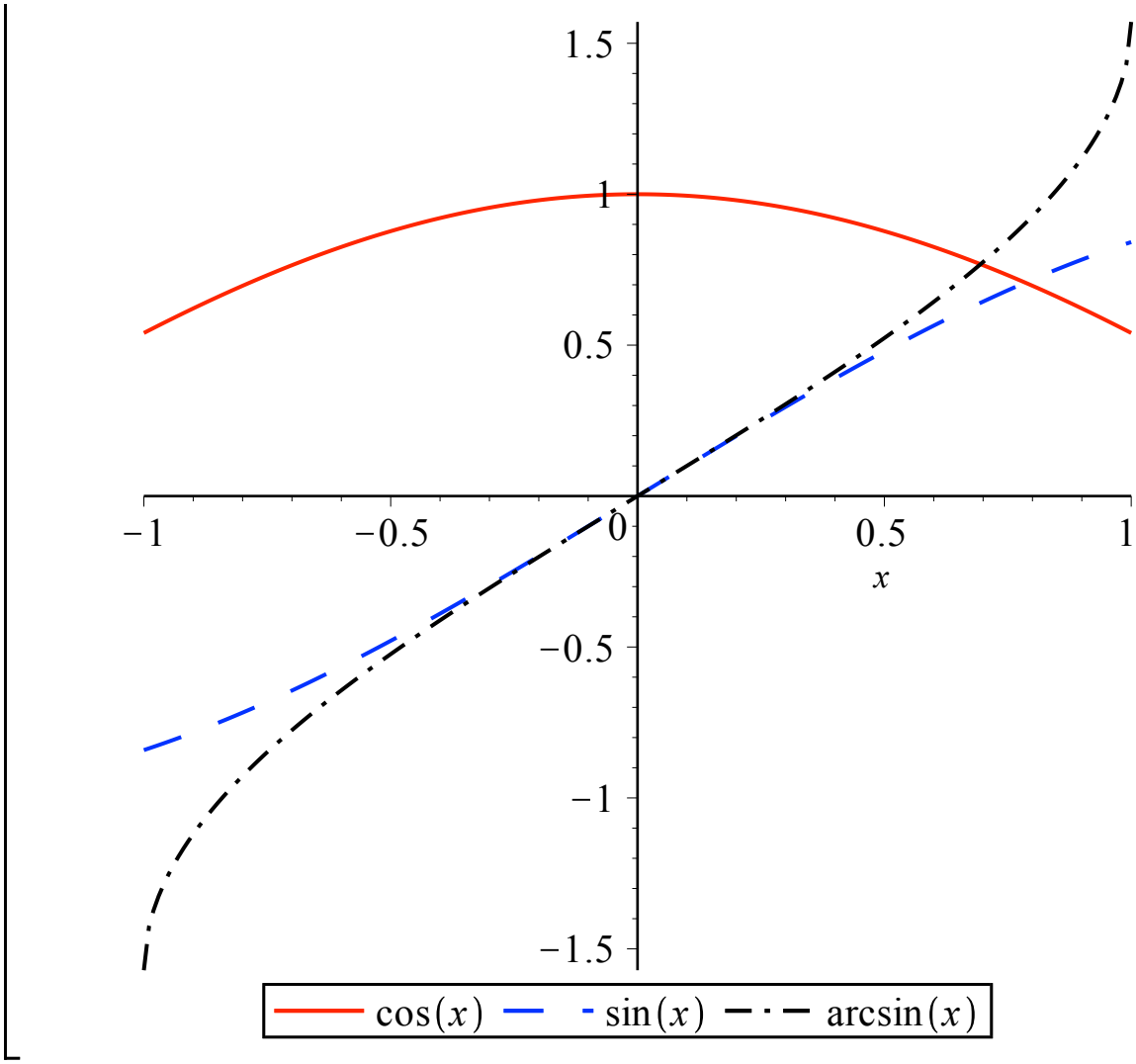

```
> plot(arctan(x),x=-8..8);
```




```
> plot(tan(x),x=-8..8);
```




```
> plot([cos(x),sin(x),arcsin(x)],x=-1..1,color=[red,blue,
  black],legend=[typeset(cos(x)),typeset(sin(x)),typeset(arcsin(x))
  ],linestyle=[solid,spacedash,dashdot]);
```


1.5
1
0.5
−0.5
−1
−1.5
−1
−0.5
0
0.5
1
x
cos(x)
sin(x)
arcsin(x)